

CLASSIFICATION CONFIDENTIAL
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

50X1-HUM

COUNTRY USSR
 SUBJECT Economic; Technological - Machine tools
 HOW PUBLISHED Monthly periodical
 WHERE PUBLISHED Moscow
 DATE PUBLISHED Aug 1952, Jun 1953
 LANGUAGE Russian

REPORT
 CD NO.

DATE OF INFORMATION 1952-1953

DATE DIST. 30 Apr 1954

NO. OF PAGES 2

SUPPLEMENT TO REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE OF THE UNITED STATES, WITHIN THE MEANING OF TITLE 18, SECTIONS 793 AND 794, OF THE U.S. CODE, AS AMENDED. ITS TRANSMISSION OR REVELATION OF ITS CONTENTS TO OR RECEIPT BY AN UNAUTHORIZED PERSON IS PROHIBITED BY LAW. THE REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Podshipnik, No 8, 1952; No 6, 1953

USSR MACHINE TOOLS FOR MACHINING BEARING RACES

50X1-HUM

MODEL NUMBERS OF MACHINE TOOLS USED IN BEARING INDUSTRY -- Moscow, Podshipnik, Jun 53

The following machine-tool models are used at bearing plants for machining the races of bearing No 203, 207, and 409. [Unless indicated, the letters in the model numbers have been transliterated from the Cyrillic alphabet]

Model 1261-M six-spindle automatic

Model VH-48 four-spindle semiautomatic [VH given in Roman alphabet]

Model 1262-M four-spindle automatic

Model 16-A surface-grinding machine

Model 3772-E surface-grinding machine

Model 3756 surface-grinding machine

Model SB-35 six-spindle automatic [SB given in Roman alphabet]

Model RP6/28 six-spindle automatic [RP given in Roman alphabet]

Model 371-L surface grinding machine

Model N5R [or H5P] four-spindle semiautomatic [Letters could be either Cyrillic or Roman]

- 1 -

CLASSIFICATION

50X1-HUM

STATE	NAVY	NSRB	DISTRIBUTION									
ARMY	AIR	FBI										

CONFIDENTIAL

50X1-HUM

Model MT-30 semiautomatic

Model 1261-P six-spindle semiautomatic

Model FRS-114 single-spindle semiautomatic

MR-5 single-spindle semiautomatic

TBSh-3 centerless-grinding machine

MODEL MR-5 SEMIAUTOMATIC LATHE -- Moscow, Podshipnik, Aug 52

Model MR-5 semiautomatic lathes produced in 1949-1950 by the Moscow Machine-Tool-Building Plant imeni Ordzhonikidze have a main power drive of 17 kilowatts and are equipped with longitudinal, boring, and cross slides. The spindle speed is 52-400 rpm; longitudinal and boring slide feeds, up to 1.65 millimeters per revolution; and rapid slide feed, 4.5 meters per minute. The cutting tools conform to the First State Bearing Plant norm. All tools have T5K10 hard-alloy tips.

The semiautomatics are used for machining outer races for taper rolling bearings.

50X1-HUM

- 2 -

CONFIDENTIAL